

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
50080-00890

In Re Application of: LAOR, et al.

MAR 03 2006

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/781,042	February 18, 2004	ULLAH, Akm E.	25231	2874	8371

Title:

"PLANAR ARRAY OPTICAL SWITCH AND METHOD"

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☒ A check in the amount of \$180.00 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-1419 as described below.
- ☐ Charge the amount of
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

*This certificate may only be used if paying by deposit account.

Signature

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

February 28, 2006

(Date)

Signature of Person Mailing Correspondence

Kimberly Otten

Typed or Printed Name of Person Mailing Certificate

Dated: 02-28-06

Gregory T. Fettig
Reg. No. 50,843
MARSH FISCHMANN & BREYFOGLE LLP
3151 South Vaughn Way, #411
Aurora, CO 80014
(720) 562-5509

03/06/2006 SSITHIB1 .00000021 10781042

01 FC:1806

180.00 OP

CC:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

MAR 03 2006

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

50080-00890

In Re Application Of LAOR, et al.

Application No.

10/781,042

Filing Date

February 18, 2004

Examiner

ULLAH, Akm E.

Customer No.

25231

Group Art Unit

2874

Confirmation No.

8371

Title:

"PLANAR ARRAY OPTICAL SWITCH AND METHOD"

Address to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

- ☐ the statement specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p).

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

LAOR, et al.

Serial No.: 10/781,042

Filed: February 18, 2004

Confirmation No.: 8371

Atty. File No.: 50080-00890

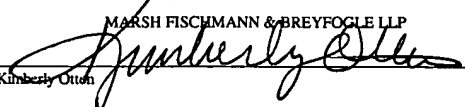
For: "PLANAR ARRAY OPTICAL SWITCH
AND METHOD"



) Group Art Unit: 2874

) Examiner: ULLAH, Akm E.

) **INFORMATION DISCLOSURE**
) **STATEMENT**

<p style="text-align: center;">CERTIFICATE OF MAILING</p> <p>I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 ON <u>February 28, 2006</u>.</p> <p style="text-align: center;">MARSH FISCHMANN & BREYFOGLE LLP</p> <p>BY:  Kimberly Otton</p>

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56 and 37 CFR §§1.97-1.98, Applicant hereby submits the enclosed PTO Form 1449, although Applicant does not admit that any of such documents, alone or in any combination, is considered to be material to patentability as defined in 37 CFR §1.56(b). Moreover, the inclusion of these documents is not to be construed as an admission by Applicant that each such document is prior art as to the above-identified application. Pursuant to the Official Gazette Notice of August 5, 2003, copies of any U.S. Patents or published U.S. Patent Applications are not being submitted herewith. Copies of any foreign patent and non-patent documents are submitted herewith.


Respectfully submitted,

MARSH FISCHMANN & BREYFOGLE LLP

By: 

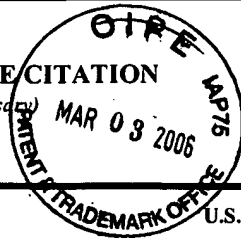
Gregory T. Fettig
Registration No. 50,843
3151 South Vaughn Way, #411
Aurora, CO 80014
(720) 562-5509

Date: February 28, 2006

 <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p>				Docket Number (Optional) 50080-00890		Application Number 10/781,042		
				Applicant(s) LAOR, et al.				
				Filing Date February 18, 2004		Group Art Unit 2874		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	1	3,349,174	10-24-1967	Warschauer	178			
	2	4,820,045	04-11-1989	Boisde, et al.	356	319		
	3	5,671,304	09-23-1997	Buguyay	385	17		
	4	4,198,116	04-15-1980	Papuchon	350	96.14		
	5	4,236,783	12-02-1980	Hepner, et al.	350	96.13		
	6	4,304,460	12-08-1981	Tanaka, et al.	350	96.16		
	7	4,365,863	12-28-1982	Broussaud	350	96.15		
	8	4,432,599	02-21-1984	McMahon	350	96.15		
	9	4,818,052	04-04-1989	Le Pellant, et al.	350	96.15		
	10	5,999,555	12-07-1999	Connors, et al.	372	99		
	11	6,289,145	09-2001	Solgaard, et al.	385	17		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	1	GB 1,160,546	09-30-1966	U.K.			✓	
	2	5-107485 App.#3-271013	04-30-1993	Japan	G02B	26/08	✓	
	3	JP A 0192233	08/1989	Japan			✓	
	4	JP A 0066154	05/1980	Japan			✓	
	5	JP A 1-1226228	1989	Japan			✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	1	Dakin, J.P., Fibre Optics '84, SPIE Vol. 468, 1984, pp. 219-225.						
	2	Henderson, W., Fibre Optics '89, SPIE Vol. 1120, pp. 99-103.						
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

50080-00890

Application Number

10/781,042

Applicant(s)

LAOR, et al.

Filing Date

February 18, 2004

Group Art Unit

2874

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	12	4,812,005	03-1989	Heywang	372	6	
	13	5,548,669	05-1996	Anderson, et al.	385	15	
	14	5,956,441	09-1999	Fairchild, et al.	359	131	
	15	2,982,859	05-02-1961	Steinbrecher	250	205	
	16	3,492,484	01-27-1970	Iti	250	199	
	17	3,649,105	03-14-1972	Treuthart	350	285	
	18	3,990,780	11-09-1976	Dakss	350	96	
	19	4,003,655	01-18-1977	Wasilko	356	4	
	20	4,179,183	12-18-1979	Tateoka, et al.	350	6.1	
	21	4,208,094	01-17-1980	Tomlinson, III, et al.	350	96.20	
	22	4,234,145	11-18-1980	Leifobb	244	3.16	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	6	GB 2 221 810 A	02-14-1990	U.K.			✓	
	7	2 523 735	03-22-1982	France			✓	
	8	01102515	04-20-1989	Japan	G02B26/		✓	
	9	55-159402	05-31-1979	Japan			✓	
	10	1-102515	10-16-1987	Japan			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

3	We Sheng Hu and Qing Ji Zeng, Opt. Eng. 37(6) (June 1998), pp. 1834-1837.
4	Hamam, Optics Communications 150 (1998), pp. 270-276.

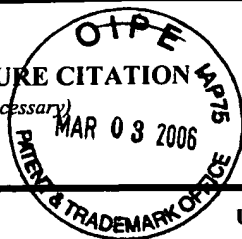
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

50080-00890

Application Number

10/781,042

Applicant(s)

LAOR, et al.

Filing Date

February 18, 2004

Group Art Unit

2874

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	23	4,249,814	02-10-1981	Hull, et al.	354	154	
	24	4,303,302	12-01-1981	Ramsey, et al.	350	96.20	
	25	4,303,303	12-01-1981	Adyama	350	96.20	
	26	4,322,126	03-30-1982	Minowa, et al.	350	96.20	
	27	4,365,863	12-28-1982	Broussaud	350	96.15	
	28	4,431,258	02-14-1984	Fye	350	1.6	
	29	4,470,662	09-11-1984	Mumzhiu	350	96.15	
	30	4,498,730	02-12-1985	Tamaka, et al.	350	96.16	
	31	4,574,191	03-04-1986	Conrad	250	203	
	32	4,603,975	08-05-1986	Cinzori	356	152	
	33	4,613,203	09-23-1986	Proetel, et al.	350	6.6	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	11	5-107485	10-18-1991	Japan			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	5	Chang-Hyeon Ji, Bum-Kyoo Choi and Yong-Kweon Kim, IEEE (1997), pp. 243-247.

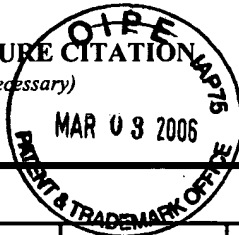
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

50080-00890

Application Number

10/781,042

Applicant(s)

LAOR, et al.

Filing Date

February 18, 2004

Group Art Unit

2874

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	34	4,614,868	09-30-1986	Alster	250	227	
	35	4,626,066	12-02-1986	Levinson	350	96.18	
	36	4,644,160	12-17-1987	Arimoto, et al.	350	201	
	37	4,657,339	04-14-1987	Fick	350	96.20	
	38	4,714,326	12-22-1987	Usui, et al.	350	485	
	39	4,738,500	04-19-1988	Grupp, et al.	350	6.6	
	40	4,789,215	12-06-1988	Anderson, et al.	350	96.19	
	41	4,790,621	12-13-1988	Calaby, et al.	350	96.20	
	42	4,796,263	01-03-1989	Rampolla	372	10	
	43	4,814,600	03-21-1989	Bergstrom	250	221	
	44	4,823,402	04-18-1989	Brooks	455	607	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

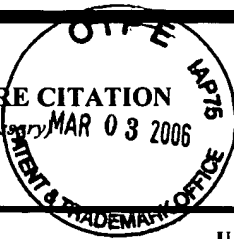
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

50080-00890

Application Number

10-781,042

Applicant(s)

LAOR, et al.

Filing Date

February 18, 2004

Group Art Unit

2874

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	45	4,838,631	06-13-1989	Chande, et al.	350	6.6	
	46	4,838,637	16-13-1989	Torok, et al.	350	96.18	
	47	4,859,012	08-22-1989	Cohn	350	96.24	
	48	4,927,225	05-22-1990	Levinson	350	96.18	
	49	4,932,745	06-12-1990	Blonder	350	96.20	
	50	4,933,796	02-19-1991	Kapany, et al.	350	96.15	
	51	5,005,934	04-09-1991	Curtiss	350	96.18	
	52	5,028,104	07-02-1991	Kokoshvili	350	91.15	
	53	5,031,987	07-16-1991	Worling	350	96.15	
	54	5,030,004	07-09-1991	Grant, et al.	356	153	
	55	5,150,245	09-22-1992	Smithgall	359	117	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

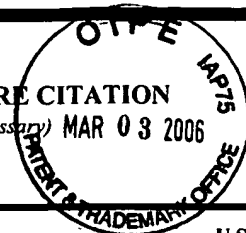
DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

MAR 03 2006



Docket Number (Optional)

50080-00890

Application Number

10/781,042

Applicant(s)

LAOR, et al.

Filing Date

February 18, 2004

Group Art Unit

2874

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	56	5,199,088	03-30-1993	Magel	385	18	
	57	5,204,922	04-20-1993	Weir, et al.	385	18	
	58	5,208,880	05-04-1993	Riza, et al.	385	18	
	59	5,221,987	06-22-1993	Laughlin	359	222	
	60	5,271,075	12-14-1993	Gfeller, et al.	385	20	
	61	5,291,324	03-01-1994	Hinterlong	359	135	
	62	5,317,659	05-31-1994	Lee	385	22	
	63	5,420,946	05-30-1995	Tsai	385	22	
	64	5,436,986	07-25-1995	Tsai	385	16	
	65	5,440,654	08-08-1995	Lambert, Jr.	385	17	
	66	5,453,827	09-26-1995	Lee	356	73.1	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

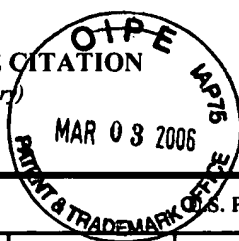
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

50080-00890

Application Number

10,781,042

Applicant(s)

LAOR, et al.

Filing Date

February 18, 2004

Group Art Unit

2874

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	67	5,524,153	06-04-1996	Laor	385	16	
	68	5,546,484	08-13-1996	Fling, et al.	385	16	
	69	5,594,820	01-14-1997	Garel-Jones, et al.	385	22	
	70	5,627,669	05-06-1997	Orino, et al.	359	156	
	71	5,629,993	05-13-1997	Smiley	385	22	
	72	5,647,033	07-08-1997	Laughlin	385	16	
	73	5,353,164	10-04-1994	Sasian-Alvarado	359	791	
	74	5,647,033	07-08-1997	Laughlin	385	16	
	75	6,097,859	08-01-2000	Solgaard, et al.	385	17	
	76	5,037,173	08-06-1991	Sampsell, et al.	385	17	
	77	5,661,591	08-26-1997	Lin, et al.	359	290	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

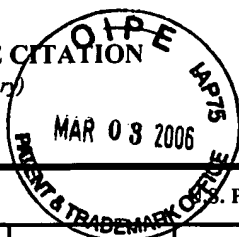
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

50080-00890

Application Number

10/781,042

Applicant(s)

LAOR, et al.

Filing Date

February 18, 2004

Group Art Unit

2874

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	78	6,327,398	12-04-2001	Solgaard, et al.	385	18	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.